Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

| SUBMIT I | N | DUP | LIC | ATE |
|----------|---|-----|-----|-----|
| | | _ | | |

FOR APPROVED OMB NO. 1004-0137

Expires: December 31, 1991

LEASE DESIGNATION AND SERIAL NO.

| NELL CO | OMPLE | TION OR | RECOMPLE | TION REPO | RT AND | LOG* | 6. FINDIAN ALLOTT | EE OR TRIBE NAME | |
|---|--|-------------------------------------|--|--|--|--------------------------------|--------------------------------|--|--|
| 1a. TYPE OF V | | OIL WELL | GAS X | DRY Other | | 1.44 | 1 - | | |
| b. TYPE OF (| OMPLETION | | <u></u> | | | | 7. UNIT AGREEMENT | NAME | |
| b. TIPE OF C | | WORK DEEP | | DIFF. | | | 8. FARM OR LEASE N | IAME, WELL NO. | |
| | | OVER EN | BACK | RESVROther | | | #18A | | |
| 2. NAME OF | OPERATOR | | | | | | 9. API WELL NO. | | |
| BUF | RLINGTON | RESOURCES | OIL & GAS COMP | ANY | CALL TO THE STATE OF | | 30-045-2990 | | |
| 3. ADDRESS | | | | | | | 0. FIELD AND POOL | | |
| PO | BOX 4289, | Farmington, N | | 326-9700 | (1) | 10.00 | Blanco Mes | R BLOCK AND SURVEY | |
| | OF WELL (| Report location c)'FSL, 735'FEL | early and in accordance | e with any State requ | Letheurs MFC. | - 1 1900 + | OR AREA | | |
| At surface | 1300 |) FOL, 7551 EL | • | | | 4 | 2 | | |
| At top proc | I. interval rep | orted below | | (| | | Sec.18, T-2 | 8-N, R-9-VV | |
| At total de | pth | | | | ř. | ಟಾಪ ಟ | | | |
| | | | 14. | PERMIT NO. | DATÉ ISSUE | | 12. COUNTY OR | 13. STATE | |
| | | | | - | | | PARISH | New Mexico | |
| | | DATE TO BEACH | IT DATE CO | JPL. (Ready to prod.) | | 18. ELEVATIONS (DF, R | San Juan KB, RT, BR, ETC.)* | 19. ELEV. CASINGHEAD | |
| 15. DATE SPU 9-17-99 | DUED 16. | DATE T.D. REACH 9-22-99 | 11-14 | | | 5764'GL/5776 | | | |
| 20. TOTAL DE | PTH, MO &TV | | S, BACK T.D., MD &TVD | 22. IF MULTIPLE CO | | 20 | ROTARY TOOLS | CABLE TOOLS | |
| | | | | HOWMA | ANY. | DRILLED BY | 0-4835' | 1 | |
| 4835' | ON INTERVA | 47 | 81' IPLETION-TOP, BOTTOI | A NAME (MD AND TVI | | | 25. WAS DIRE | | |
| 24. PRODUCT | ION IN I ERVA | L (3) OF 11113 CO | AFELTION-TO. | ,,,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , | | SURVEY | | |
| Mesave | de 3899-4 | 558' | | | | | 127, WAS WELL CORE | | |
| 26. TYPE ELE | CTRIC AND O | THER LOGS RUN | | | | | no | | |
| | JEN/AIT/NO | -O/CIVIN | | CASING RECORD (| Report all strings | set in well) | | | |
| 28. CASING SIZ | E/GRADE | WEIGHT, LB./FT | DEPTH SET (MD) | | | ENT. CEMENTING RECO | ORD | AMOUNT PULLED | |
| 8 5/8" | 0010102 | 24# | 346' | 12 1/4" | | 395 cu ft | | | |
| 4 1/2" | | 10.5# | 4829' | 7 7/8" | | 2133 cu ft | | | |
| | | | | | | | | | |
| | LINER RECORD | | | | 30. | | | RD | |
| SIZE | | | | SCREEN (MD) | SIZE DEPTH SET | | (MD) | PACKER SET (MD) | |
| 0.22 | | | | | 2 3/8" | 4418' | | | |
| | | | | | <u> </u> | D. SHOT, FRACTURE | CEMENT SQUEEZ | E. ETC. | |
| 31 PERFORATION RECORD (Interval. size and number) | | | CERTH INTERVAL (MD) AM | | | OUNT AND KIND OF MATERIAL USED | | | |
| 3899, 3903, 3° | 1899, 3903, 3906, 3909, 3911, 3913, 3915, 3952, 3953, 3961, 3 1005, 4006, 4007, 4008, 4009, 4017, 4018, 4019, 4123, 4124, 4 | | 4019, 4123, 4124, 412 | 5. 3899-42 | 3899-4251' 122.000 gal | | wtr, 100,000# 20/40 Brady sand | | |
| 4148, 4149, 4177, 4178, 4179, 4236, 4237, 4238, 4250, 4251, 4280, | | | 0, | | | | 4- 100 000# 20/40 Brady sand | | |
| 4282, 4286, 4291, 4297, 4304, 4308, 4314, 4320, 4332, 4340, 4346, 4349, 4354, 4358, 4365, 4372, 4378, 4392, 4406, 4408, 4415, 4429, | | | | 6, 4280-45 | 58' 122.000 gal sik wtr. 100,000# 20/40 Brady sand | | | brady sailu | |
| 4349, 4354, 4 | 358, 4365, 43 | 372, 4378, 4392, | 4406, 4408, 4415, 442 | 9. | | - | | | |
| | <u>461, 4463, 44</u> | | 4541, 4556, 4558 | | RODUCTION | | | The state of the s | |
| DATE FIRST P | RODUCTION | PRO | DUCTION METHOD (FR | owing, gas iin, pumping Flowing | -size and type of p | | SI | IS (Producing or snut-in) | |
| DATE OF TEST | r | HOURS TESTED | | ROD'N FOR OIL- | 38L | GAS-MCF 540 Pitot gauge | WATER-BBL | GAS-OIL RATIO | |
| 11-14-99 | 200500 | CASING ODESCI | RE CALCULATED | OIL-BBL | GAS-MCF | | 3BL | OIL GRAVITY-API (CORR.) | |
| FLOW, TUBING |) PKE33. | CHOING FILESSE | 24-HOUR RATE | | 1 | l | | 1 | |
| SI 627 | | SI 902 | Venied elc | | | | TEST WITH | SSED BY | |
| 34. DISPOSI | TION OF GAS | (Sold, used for rue | , verticu. etc. j | | | | ļ | | |
| 35 11ST OF | ATTACHMEN' | To be sold | | | | | | | |
| JJ. UJ 1 UF | | | | | | | | | |
| | | None | thea information is compl | | | | | | |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its injections.

TITLE Regulatory Administrator

| FORMATION TOP | MOLLOR | DESCRIPTION, CONTEMPS, ETC. | NAME | MEAS, DEPTH | TRUE VERT. DEPTH |
|---------------|--------|-----------------------------|------|-------------|---------------------|
| | | | | ↓_ | VERT. DE |
| _ | | | | , | |

| Point Lookout | Monofee | Cliff House | Chacra | Lewis | Pictured Cliffs | Fruitland | Ojo Alamo Kirtland |
|--|--|---|--|-----------------------------|-----------------------------|--|---|
| 4280' | 3660' | 3623' | 2550' | 2130' | 1980' | 1693' | 867' 1044' |
| 4835' | 3660' 4280' | 3623' 3660' | 3623' | 2130' 2550' | 1980' 2130' | 1693' 1980' | 10 44' 1693' |
| Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation | Med-dark gry, fine gr ss, carb sh & coal | <pre>w/drk gry shale ss. Gry, fine-grn, dense sil ss.</pre> | Gry fn grn silty, glauconitic sd stone | Shale w/siltstone stringers | Bn-Gry, fine grn, tight ss. | Dk gry-gry carb sh, coal, grn silts, light- med gry, tight, fine gr ss. | White, cr-gr ss. Gry sh interbedded w/tight, gry, fine-gr ss. |
| | | | Menefee Point Lookout | Chacra Cliffhouse | Lewis | Fruitland Pictured Cliffs | Ojo Alamo Kirtland |
| | | | 3660' 4280' | 2550' 3623' | 2130' | 1693' | 1044' |